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(54) Title: MELDONIUM SALTS, METHOD OF THEIR PREPARATION AND PHARMACEUTICAL COMPOSITION ON
THEIR BASIS

(57) Abstract: New salts of Meldonium, the method of their preparation, and pharmaceutical formulation on their basis have been described. The general formula of these salts is $X-(CH_3)_3N-NHCH_2CH_2COOH$ where X- is an acid anion selected from the group of pharmaceutically acceptable acids. Practically non-hygroscopic and/or increased thermal stability and/or lasting action Meldonium hydrogen salts of fumaric acid, phosphoric acid, oxalic acid, maleic acid, and pantoic acid as well as Meldonium orotate and galactarate are especially suitable. Novel pharmaceutical formulations containing non-hygroscopic and/or increased thermal stability and/or lasting action 3-(2,2,2-trimethylhydrazinium) propionate salts for oral, parenteral, rectal and transdermal introduction are concurrently described.

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